

State of California
AIR RESOURCES BOARD

Third Notice of Public Availability of Modified Text

**PUBLIC HEARING TO CONSIDER AMENDMENTS TO THE CERTIFICATION
REQUIREMENTS AND PROCEDURES FOR LOW-EMISSION PASSENGER CARS,
LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Public Hearing Date: September 28, 1995
First Public Availability Date: October 20, 1995
Second Public Availability Date: February 13, 1996
Third Public Availability Date: April 5, 1996
Deadline for Public Comment: April 22, 1996

On September 28, 1995 the Air Resources Board (the Board) considered amendments to certification requirements and test procedures for low-emission passenger cars, light-duty trucks and medium-duty vehicles. Included in this rulemaking were modifications to the California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles (hereafter Light- and Medium-Duty Test Procedures) as incorporated by reference in section 1960.1 of the Title 13, California Code of Regulations (CCR), and modifications to the California Motor Vehicle Emission Control and Smog Index Label Specifications (hereafter Label Specifications) as incorporated by reference in section 1965 of Title 13, CCR.

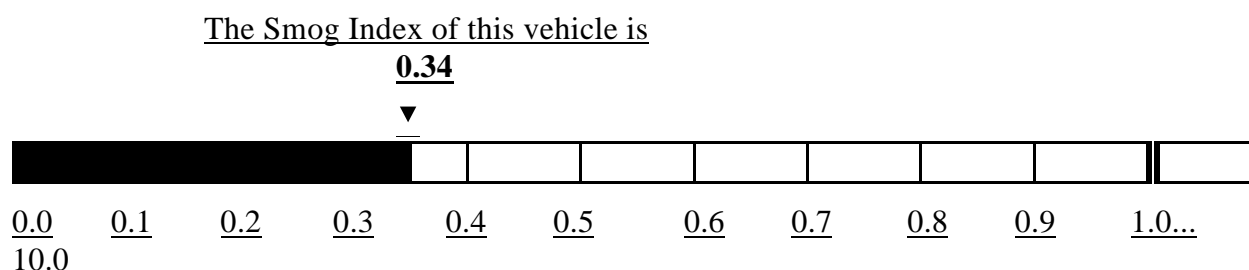
At the hearing the Board approved the regulatory amendments proposed by the staff with various modifications to the originally proposed regulatory language. In accordance with section 11346.8 of the Government Code, the Board directed the Executive Officer to adopt the proposed amendments after making the modified regulatory language available to the public for comment for a period of at least 15 days, provided that the Executive Officer is to consider such written comments as may be submitted during this period, make such modifications as may be appropriate in light of the comments received, and present the regulations to the Board for further consideration if he determines that this is warranted.

Proposed Additional Modifications to the Label Specifications

Earlier this year, the United States Environmental Protection Agency (U.S. EPA) announced a Direct Final Rule (61 F.R. 3832, February 2, 1996) making regulatory changes to reflect section 211(n) of the federal Clean Air Act, which prohibits the sale or distribution of leaded gasoline for highway use after December 31, 1995. Because leaded gasoline will no longer be available, the Direct Final Rule includes the deletion of the requirement in 40 C.F.R. section 80.24(a) that vehicle manufacturers place "Unleaded Fuel Only" labels on instrument panels and fuel filler inlets. Repeal of the requirement became effective March 4, 1996. California has a similar requirement in section 3.(d) of the California Motor Vehicle Emission Control and Smog Index Label Specifications, and manufacturers have requested that the Board

remove this requirement in California as well. Staff is accordingly proposing elimination of the requirement for 1997 and subsequent model year vehicles, by the addition of the following language at the end of section 2.(a) of the California Motor Vehicle Emission Control and Smog Index Label Specifications: “The ‘unleaded gasoline only’ labeling requirements in section 3.(d) do not apply to 1997 and subsequent model year vehicles.”

In addition, in light of the comments submitted by industry during the first 15-day comment period, staff is proposing a further modification to the form specified for the smog index label in section 3.6 of the Label Specifications. Throughout this rulemaking, industry has proposed several design options for the smog index label. Staff has endeavored to incorporate these ideas into the label; however, it is clear that there are a number of label designs that will meet the specifications of the smog index label. In the interest of simplicity, staff is proposing that the version of the specified smog index label made available with the second 15-day notice be replaced by an earlier iteration. Except for the actual form of the label presented, all other provisions in the text made available with the second 15-day notice would remain -- the specifications would provide that the explanatory information *may* take the form below, and that an alternative form of the label would be allowed if it is shown to be as clear as the specified form (i.e., is readable and readily understandable) and is approved by the Executive Officer in advance. The form specified for the smog index label in section 3.5 would be :



Proposed Additional Modifications to the Medium-Duty Vehicle Regulations

Subsequent to the release of the second Notice of Public Availability of Modified Text, manufacturers have requested clarification of the medium-duty vehicle 120,000 mile exhaust standards and the intermediate in-use standards prior to the 1998 model year. Prior to this rulemaking, the intermediate in-use standards were identified in parentheses in the main table in section 1960.1(h)(2) of Title 13, CCR, and in section 3.j of the Light- and Medium-duty Test Procedures. Through an oversight, these standards were not carried over to the expanded text of note 9 to the main table. Accordingly, staff is proposing modifications which specifically identify those standards, as well as the pre-1998 model year 120,000 mile NO_x standards. The text of these proposed modifications is set forth in Attachment A to this notice.

A copy of the complete Light- and Medium-Duty Test Procedures and Label Specifications showing the modifications to the original proposal may be requested from Ms. Donna Barragan, Mobile Source Division, California Air Resources Board, 9528 Telstar Avenue, El Monte, California 91731, fax no. (818) 575-6699. The complete text of these documents will also be available on the Air Resources Board Information System (ARBIS) electronic bulletin board. The documents may be found in the "LEV Program" menu item in the "System Features" menu. The ARBIS may be accessed via modem by calling (916) 322-2826. Please make sure your communications parameters are set to 8-N-1. If you have a 9600 Baud modem or greater, use the ANSI capabilities that are provided by the more recent modem software packages. Modems slower than 9600 will work with VT-100 or TTY terminal emulation. If you have questions regarding access to the ARBIS, please contact the Business Assistance Hot Line at 1-800-ARB-HLP2 (in California) or (916) 323-3336.

Written comments on the proposed modifications must be submitted to the Board Secretary, Air Resources Board, Post Office Box 2815, Sacramento, California 95812, no later than the deadline for public comments identified above, for consideration by the Executive Officer prior to final action. Only comments pertaining to the modifications will be considered by the Executive Officer.

Sincerely,

K. D. Drachand, Chief
Mobile Source Division

Attachment A

Additional Proposed Modifications to the Medium-Duty Vehicle Regulations

The proposed modifications make identical changes to: (i) notes (3) and (9) to the table in section 1960.1(h)(2) of Title 13, California Code of Regulations, and (ii) notes (3) and (9) to the table in section 3.j of the California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles. The amendments proposed in connection with the original 45-day notice are shown in underline to indicate additions and ~~strikeout~~ to show deletions. Modifications proposed in earlier 15-day notices of availability are shown in ***bold italics*** and ~~***bold italic-strikeout***~~ to show additions and deletions, respectively. The additional modifications now being proposed are designated by shaded underline and ~~shaded-strikeout~~ to show additions and deletions, respectively.

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(3)

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b. *Pre-1998 NOx standards.* Prior to the 1998 model year, the 50,000 mile and 120,000 mile LEV exhaust mass emission standards for NOx shall be: 0.7 and 1.0 g/mi for MDVs from 3751-5750 lbs. TW, 1.1 and 1.5 g/mi for MDVs from 5751-8500 lbs. TW, 1.3 and 1.8 g/mi for MDVs from 8501-10,000 lbs. TW, and 2.0 and 2.8 g/mi for MDVs from 10,001-14,000 lbs. TW, respectively.

* * * *

(9) *Intermediate In-Use Compliance Standards.* ~~Beginning with the 1998 model year, if~~
The following standards in parentheses are intermediate in-use compliance standards for 50,000 miles; and 120,000 miles for For MDVs from ~~3751~~ 10-14,000 lbs. TW, including fuel-flexible and dual-fuel vehicles when operating on ~~any~~ an available fuel other than gasoline shall apply, for the specified model years only: ~~intermediate in-use compliance standards shall apply to LEVs and ULEVs through the 1999 model year.~~

Intermediate In-Use Compliance Standard* (in grams per mile)										
<u>Emission Category</u>	<u>Model Year</u>	<u>Durability Vehicle Basis (mi)</u>	<u>3751-5750 lbs.</u>		<u>5751 - 8500 lbs.</u>		<u>8501-10,000 lbs.</u>		<u>10,001-14,000 lbs.</u>	
			<u>NMO G(g/mi)</u>	<u>NOx[#] (g/mi)</u>	<u>NMO G (g/mi)</u>	<u>NOx[#] (g/mi)</u>	<u>NMO G (g/mi)</u>	<u>NOx[#] (g/mi)</u>	<u>NMOG (g/mi)</u>	<u>NOx[#] (g/mi)</u>
<u>LEV</u>	<u>through 1997</u>	<u>50,000</u>	<u>0.238</u>	<u>0.7</u>	<u>0.293</u>	<u>1.1</u>	<u>0.345</u>	<u>1.3</u>	<u>0.450</u>	<u>2.0</u>
	<u>1998-1999</u>	<u>50,000</u>	<u>0.238</u>	<u>0.6</u>	<u>0.293</u>	<u>0.9</u>	<u>0.345</u>	<u>1.0</u>	<u>0.450</u>	<u>1.5</u>
	<u>2000</u>	<u>50,000</u>	--	<u>0.6</u>	--	<u>0.9</u>	--	<u>1.0</u>	--	<u>1.5</u>
	<u>2000</u>	<u>120,000</u>	--	<u>0.8</u>	--	<u>1.2</u>	--	<u>1.3</u>	--	<u>2.0</u>
<u>ULEV</u>	<u>through 1999</u>	<u>50,000</u>	<u>0.128</u>	<u>0.6</u>	<u>0.156</u>	<u>0.9</u>	<u>0.184</u>	<u>1.0</u>	<u>0.240</u>	<u>1.5</u>
	<u>2000-2002</u>	<u>50,000</u>	<u>0.128</u>	<u>0.6</u>	<u>0.156</u>	<u>0.9</u>	<u>0.184</u>	<u>1.0</u>	<u>0.240</u>	<u>1.5</u>
	<u>2000</u>	<u>120,000</u>	<u>0.160</u>	<u>0.8</u>	<u>0.195</u>	<u>1.2</u>	<u>0.230</u>	<u>1.3</u>	<u>0.300</u>	<u>2.0</u>
	<u>2001-2002</u>	<u>50,000</u>	<u>0.128</u>	--	<u>0.156</u>	--	<u>0.184</u>	--	<u>0.240</u>	--
	<u>20001-2002</u>	<u>120,000</u>	<u>0.160</u>	<u>0.8</u> --	<u>0.195</u>	<u>1.2</u> --	<u>0.230</u>	<u>1.3</u> --	<u>0.300</u>	<u>2.0</u> --
<u>SULEV</u>	<u>through 2002</u>	<u>50,000</u>	<u>0.072</u>	<u>0.3</u>	<u>0.084</u>	<u>0.45</u>	<u>0.100</u>	<u>0.5</u>	<u>0.130</u>	<u>0.7</u>
	<u>through 2002</u>	<u>120,000</u>	<u>0.100</u>	<u>0.4</u>	<u>0.117</u>	<u>0.6</u>	<u>0.138</u>	<u>0.65</u>	<u>0.180</u>	<u>1.0</u>

In-use compliance with the standards beyond 50,000 miles shall be waived through the 1999 model year for LEVs and ULEVs **and through the 2001 model year for SULEVs.**

***Intermediate in-use NOx standards shall only apply to the 1998, 1999 and 2000 model year MDVs. Dashes mean that the standard in the section (h)(2) table applies.**